

In The Claims:

Please cancel claims 51–59, 62–71, 74 and 75, without prejudice or disclaimer.

The following listing of claims will replace all prior versions of claims in the application.

Listing of Claims

Claims 51-59 (cancelled)

Claim 60 (currently amended): A device for reading information from first and second information tags associated with given goods, said device comprising: an antenna; a first processing circuit that generates first information from a first information tag associated with the given goods; and a second processing circuit, coupled to the antenna, that communicates with a second information tag associated with the given goods, wherein the second information tag is of a different type than the first information tag, and the second processing circuit receives from the second information tag via the antenna more detailed second information more detailed than the first information, with respect to the given goods with which the second information tag is associated;

~~The device of claim 58, wherein the reader has a mode of operation where the reader first performs a read operation with respect to the second information tag via the antenna, and then performs a read operation with respect to the first information tag.~~

Claim 61 (currently amended): A device for reading information from first and second information tags associated with given goods, said device comprising: an antenna; a first processing circuit that generates first information from a first

information tag associated with the given goods; and
a second processing circuit, coupled to the antenna, that communicates with a
second information tag associated with the given goods, wherein the
second information tag is of a different type than the first information tag,
and the second processing circuit receives from the second information
tag via the antenna more detailed second information more detailed than
the first information, with respect to the given goods with which the second
information tag is associated;

~~The device of claim 58, wherein the reader has a mode of operation where~~
the reader concurrently performs a read operation with respect to the second
information tag via the antenna, and a read operation with respect to the first
information tag.

Claims 62 – 71 (cancelled)

Claim 72 (currently amended): A system for providing information with respect to
goods, said system comprising
first and second information tags associated with given goods,
a device for reading the first and second information tags, said device
comprising:
an antenna;
a first processing circuit that generates first information from the first information
tag associated with the given goods; and
a second processing circuit, coupled to the antenna, that communicates with the
second information tag associated with the given goods, wherein the
second information tag is of a different type than the first information tag,
and the second processing circuit receives from the second information
tag via the antenna less limited second information less limited than the
first information, with respect to the given goods with which the second
information tag is associated;

~~The system of claim 66~~, wherein the reader has a mode of operation where the reader first performs a read operation with respect to the second information tag via the antenna, and then performs a read operation with respect to the first information tag.

Claim 73 (currently amended): A system for providing information with respect to goods, said system comprising
first and second information tags associated with given goods,
a device for reading the first and second information tags, said device comprising:
an antenna;
a first processing circuit that generates first information from the first information tag associated with the given goods; and
a second processing circuit, coupled to the antenna, that communicates with the second information tag associated with the given goods, wherein the second information tag is of a different type than the first information tag, and the second processing circuit receives from the second information tag via the antenna less limited second information less limited than the first information, with respect to the given goods with which the second information tag is associated;

~~The system of claim 66~~, wherein the reader has a mode of operation where the reader concurrently performs a read operation with respect to the second information tag via the antenna, and a read operation with respect to the first information tag.

Claims 74-75 (cancelled)

Claim 76 (new): A method of communicating between a reader device and a carrier unit, wherein the carrier unit includes a plurality of goods stored therewith, includes a first information tag disposed thereon, and includes a second information tag disposed thereon, wherein the second information tag is of a different type and operates in a different frequency spectrum than the first information tag, and wherein the reader device includes a first processing circuit for reading the first information tag, the method comprising the steps of:

- reading the first information tag using the reader device operating in a first frequency spectrum to obtain communication control information which enables communication with the second information tag;

- establishing communication between the reader device and the second information tag which operates in the different frequency spectrum based upon communication control information received from the reading of the first information tag; and

- receiving at the reader device from the second information tag, status information corresponding to the carrier unit.

Claim 77 (new): The method of claim 76, wherein the first information tag is an optical target, the second information tag is a radio (RF) tag, and the reader device reads the information from an image of the first information tag so as to receive communication control information which enables communication with the particular radio (RF) tag disposed on the carrier unit along with the first information tag, to the exclusion of other radio (RF) tags not associated with said carrier unit.

Claim 78 (new): The method of claim 77, wherein the optical target is an optical bar code which contains the address to be used in addressing the radio (RF) tag disposed on said carrier unit.

Claim 79 (new): The method of claim 76, wherein the status information comprises an inventory of the plurality of goods stored with the carrier unit.

Claim 80 (new): The method of claim 76, further comprising the steps of:
transmitting new status information from the reader unit to the second information tag; and
storing the status information on the second information tag.

Claim 81 (new): The method of claim 76, further comprising the step of transmitting from the second information tag to the reader device at least one location detection signal for geographically locating the carrier unit.

Claim 82 (new): The method of claim 76, further comprising the step of communicating with the second information tag via a base station which sends an interrogation signal addressed to the specific second information tag.

Claim 83 (new): A device for reading information from first and second information tags associated with given goods, said device comprising:
an antenna;
a first processing circuit that generates first information from a first information tag associated with the given goods, which enables communication with the second information tag; and
a second processing circuit, coupled to the antenna, that communicates with a second information tag associated with the given goods using the first information to establish communication, wherein the second information tag is of a different type than the first information tag, and the second processing circuit receives from the second information tag via the antenna more detailed second information more detailed than the first information, with respect to the given goods with which the second information tag is associated.

Claim 85 (new): The device of claim 83, wherein the second information tag has a mode of operation where the second information tag is enabled to be read, to the exclusion of other second information tags.

Claim 86 (new): The device of claim 83, wherein the reader has a mode of operation where the reader performs a read operation addressed to said second information tag via the antenna, to produce a perceptible indication of the location of the given goods.

Claim 87 (new): The device of a claim 83, wherein the second information tag stores a data set, which is associated with the goods with which the second information tag is associated, said data set being selected from the following group of data sets:

- a shelf-life of the goods;
- a current temperature of the goods;
- a preferred storage temperature of the goods;
- biological sensor data for the goods ;and
- pressure sensor data for the goods.

Claim 88 (new): The device of claim 83, wherein the second information comprises identification data corresponding to the goods associated with the second information tag.

Claim 89 (new): The device of claim 83, wherein the second information comprises identification data corresponding to the goods associated with the second information tag, and the first information relates to a carrier for the goods.

Claim 90 (new): The device of claim 83, wherein the second information comprises location data for the goods associated with the second information tag.

Claim 90 (new): The device of claim 83, wherein the second information comprises location data for the goods associated with the second information tag.

Claim 91 (new): A systems for providing information with respect to goods, said system comprising

first and second information tags associated with given goods,

a device for reading the first and second information tags, said device comprising;

an antenna;

a first processing circuit that generates from the first

information tag associated with the given goods, first information which enables the device to read the second information tag; and

a second processing circuit, coupled to the antenna, that communicates with the second information tag associated with the given goods, wherein the second information tag is of a different type than the first information tag, and the second processing circuit receives from the second information tag via the antenna less limited second information less limited than the first information, with respect to the given goods with which the second information tag is associated.

Claim 92 (new): The system of claim 91, wherein the device further comprises a selector that, depending upon a setting, individually enables or disables the first processing circuit and the second processing circuit.

Claim 93 (new): The system of claim 91, wherein the second information tag stores a plurality of data sets, each data set being associated with goods with which the second information tag is associated, said data sets being selected from the following group of data sets:

an inventory of the goods;

a shelf-life of the goods;

a current temperature of the goods;
a preferred storage temperature of the goods;
biological sensor data for the goods; and
pressure sensor data for the goods.

Claim 94 (new): The system of claim 91, wherein the second information comprises identification data corresponding to the goods with which the second information tag is associated.

Claim 95 (new): The system of claim 91, wherein the second information comprises identification data corresponding to the goods associated with the second information tag, and the first information relates to a carrier for the goods.

Claim 96 (new): The system of claim 91, wherein the second information comprises location data for the goods associated with the second information tag.

Claim 97 (new): The system of claim 91, wherein the reader has a mode of operation where the reader first performs a read operation with respect to the second information tag via the antenna, and then performs a read operation with respect to the first information tag.

Claim 98 (new): The system of claim 91, wherein the reader has a mode of operation where the reader concurrently performs a read operation with respect to the second information tag via the antenna, and a read operation with respect to the first information tag.

Claim 99 (new): A device that reads a plurality of information tags, the device comprising:
an antenna;
a first processing circuit that generates first information from a first

information tag; and
a second processing circuit, coupled to the antenna, that is enabled by the first information to communicate with a second information tag, wherein the second information tag is of different type than the first information tag, and stores more detailed information than the first information tag.

Claim 100 (new): The device of claim 99, where the plurality of information tags are associated with given goods, and wherein the second information tag stores a plurality of data sets, said data sets being selected from the following group of data sets:

an inventory of the goods;
a shelf-life of the goods;
a current temperature of the goods;
a preferred storage temperature of the goods;
biological sensor data for the goods; and
pressure sensor data for the goods.

Claim 101 (new): An identification system for goods stored by a carrier unit, comprising:

a temporary carrier unit for storing articles of commerce;
a plurality of goods stored on the carrier unit;
a first information tag disposed on the carrier unit;
a second information tag disposed on the carrier unit, wherein the second information tag is of a different type than the first information tag; and
a device that reads the first information tag and the second information tag, the device comprising:
an antenna;
a first processing circuit that generates information from the first information tag; and
a second processing circuit, coupled to the antenna, that is enabled by the information to communicate with the second information tag, the second

information tag having relatively more detailed information in comparison to the first information tag.

Claim 102 (new): The system of claim 101, wherein the second information tag stores a plurality of data sets, each data set being associated with the goods with which the second information tag is associated, said data sets being selected from the following group of data sets:

- an inventory of the goods;
- a shelf-life of the goods;
- a current temperature of the goods;
- a preferred storage temperature of the goods;
- biological sensor data for the goods; and
- pressure sensor data for the goods.